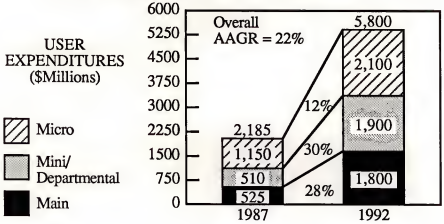
DBMS MARKETS

- New Applications Development Using Relational Structures
- Distributed Relational DBMS Emerging
- Relational Performance is Now Adequate (90%)
- TOOLS Complement Relational DBMS to Provide Development Environment Replacing File Systems Usage

INPUT

NOTES:

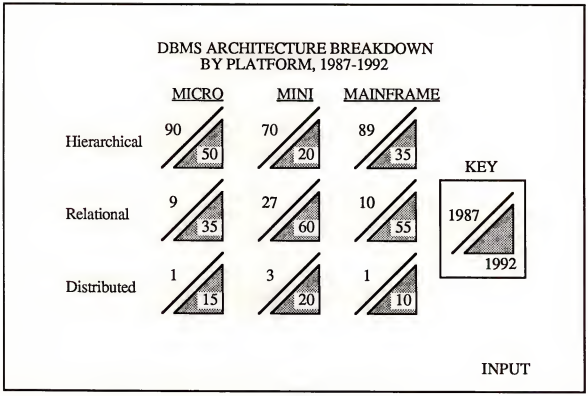
FORECAST FOR DATA BASE MANAGEMENT SYSTEMS, 1987-1992



INPUT

NOTES:

MAPS-2


DBMS ARCHITECTURE BREAKDOWN
BY PLATFORM, 1987-1992
MICRO
MINI
MAINFRAME
Hierarchical
90
50
70
20
89
35
Relational
9
35
27
60
10
55
Distributed
1
15
3
20
1
10
KEY
1987
1992
INPUT

NOTES:

MAPS-3

DBMS FUTURES

- Distributed/Networked/Interconnected
  - Dictionary Integrity, Data Integrity, Performance, Reliability, Platforms Supported (Transparency)
- Realtional + Functionality
- High Performance
- Standards Support
- Portability
- Open Architecture

INPUT

NOTES:

MAPS-4

FUNCTIONALITY IN FORECAST WINDOW

- Data Types
- Spreadsheet Interface
- 4GL Interface
- Optical Disk Storage
- Multi-User Micro Implementation
- Proprietary Hardware Growth Suspect
- Gateway to non-SQL DBMS
- AI Interface

INPUT

NOTES:

MAPS-5

LEADING VENDORS

Ashton-Tate	MICRO Leader with No Platform Mobility
Oracle, RTI	Leaders in Functionality MICRO through Mainframe
IBM	DB2, a SAA Application, Making Significant Penetration
Cullinet/ADR/ CINCOM	Business Stalled; Need True Relational DBMS; CINCOM's Supra Making Slow Progress
SYBASE	Emerging Distributed and OLTP Capabilities

INPUT

NOTES: